

INTERNATIONAL SEARCH REPORT

Int. Application No.
PCT/EP03/00033

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/496 C07D209/44 C07D217/16 C07D401/12 C07D409/12
C07D405/12 A61P3/04 A61P3/10 A61P15/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, CHEM ABS Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
P, Y	WO 02 059108 A (MANCOSO VINCENT ; BIGGERS CHRISTOPHER KELLY (US); FISHER MATTHEW JO) 1 August 2002 (2002-08-01) claims	1-47
P, Y	WO 02 070511 A (RUEDIGER EDWARD H ; RUEL REJEAN (CA); THIBAUT CARL (CA); POINDEXTE) 12 September 2002 (2002-09-12) claims table 8 examples 300, 301, 310, 311	1-47
Y	WO 00 74679 A (PATCHETT ARTHUR A ; PLOEG LEONARDUS H T V D (US); SEBHAT IYASSU (US)) 14 December 2000 (2000-12-14) claims	1-47

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents:

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

T later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

Y document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

* & * document member of the same patent family

Date of the actual completion of the international search

9 April 2003

Date of mailing of the international search report

17/04/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax (+31-70) 340-3016

Authorized officer

Kollmannsberger, M

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 99 64002 A (PATCHETT ARTHUR A ;PLOEG LEONARDUS H T V D (US); YE ZHIXIONG (US);) 16 December 1999 (1999-12-16) cited in the application claims	1-47
A	WO 01 70337 A (MERCK & CO INC ;NARGUND RAVI P (US); PALUCKI BRENDA L (US)) 27 September 2001 (2001-09-27) claims	1-47

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International application No.
PCT/US 03/00033

Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

Although claims 44-47 are directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

INTERNATIONAL SEARCH REPORT

Information on patent family members

Int. Application No

PCT/03/00033

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 02059108	A	01-08-2002	WO 02059117 A1 WO 02059108 A1	01-08-2002 01-08-2002
WO 02070511	A	12-09-2002	WO 02070511 A1 WO 02079146 A2 WO 02069905 A2	12-09-2002 10-10-2002 12-09-2002
WO 0074679	A	14-12-2000	AU 5306800 A EP 1187614 A1 JP 2003505435 T WO 0074679 A1 US 6350760 B1 US 2002137664 A1	28-12-2000 20-03-2002 12-02-2003 14-12-2000 26-02-2002 26-09-2002
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WO 0170337	A	27-09-2001	AU 4928101 A EP 1268000 A1 WO 0170337 A1 US 6472398 B1	03-10-2001 02-01-2003 27-09-2001 29-10-2002